

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50745279 0001

Berichtsnummer Report No.:

CN26TQG2 001

Genehmigungsinhaber License Holder:

NingBo Deye Inverter Technology
Co., Ltd.
No. 26 South YongJiang Road, Daqi,
Beilun NingBo
315800 Zhejiang
P.R. China

Fertigungsstätte Manufacturing Site:

NingBo Deye Inverter Technology
Co., Ltd.
No. 26 South YongJiang Road, Daqi,
Beilun NingBo
315800 Zhejiang
P.R. China

Prüfzeichen Test Mark:


Type Approved
Safety
Regular Production
Surveillance

www.tuv.com
ID 1111322598

Geprüft nach Tested according to:

IEC 62109-1:2010
IEC 62109-2:2011
EN 62109-1:2010
EN 62109-2:2011

Geräteidentifikation
Product Identification
Produkt:

Product: Energy Storage System
(Stackable Energy Storage System)

Modell:

Type: Modelle sind auf nächste(r) Seite(n) gelistet
Type designation(s) are listed on the next page(s)

Technische Daten:

Technical Data: Refer to the next page(s)
ANLAGE (Appendix): 1.0

Gültig ab:

Valid from:

2026-09-01

Zertifizierungsstelle:

Certification body:

Ausstellungsdatum:

Date of issue:

2026-09-02

Bowen Dong



Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.
This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

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 **TÜVRheinland®**
Precisely Right.

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Produkt *Product:* Energy Storage System
(Stackable Energy Storage System)

Modell *Type:* **Bezeichnung** *Designation:*

- 1) SUN-7K-SG06LP1-EU-TM3 ,
- 2) SUN-7.5K-SG06LP1-EU-TM3 ,
- 3) SUN-8K-SG06LP1-EU-TM3 ,
- 4) SUN-10K-SG06LP1-EU-TM3 ,
- 5) SUN-12K-SG06LP1-EU-TM3

For PV side : See below
 Vmax PV [Vd.c.] : 500
 MPPT Voltage Range [Vd.c.] : 150-425
 Isc PV [Ad.c.] : 1)2)3)4) 54+27+27, 5) 54+54+27
 Max. Input Current [Ad.c.] : 1)2)3)4) 36+18+18, 5) 36+36+18
 Overvoltage Category (OVC) : II

For Battery side : See below
 Battery Type : LiFePO4
 Voltage Range [Vd.c.] : 41.6-58.4
 Max. Charge Current [Ad.c.] : 1)175, 2)3)185, 4)220, 5)250
 Max. Discharge Current [Ad.c.] : 1)175, 2)3)185, 4)220, 5)250
 Overvoltage Category (OVC) : II

For On-grid port : See below
 Nominal Input / Output
 Voltage [Va.c.] : L/N/PE 220/230
 Nominal Input / Output
 Frequency [Hz] : 50/60
 Rated Input / Output
 Power [kW] : 1)7, 2)7.5, 3)8, 4)10, 5)12
 Rated Input / Output
 Current [Aa.c.] : 1)31.9/30.5, 2)34.1/32.7,
 3)36.4/34.8, 4)45.5/43.5,
 5)54.6/52.2

Max. Input / Output Apparent
 Power [kVA] : 1)7.7, 2)8.25, 3)8.8,
 4)11, 5)13.2

Max. Input / Output
 Current [Aa.c.] : 1)35/33.5, 2)37.5/35.9,
 3)40/38.3, 4)50/47.9,
 5)60/57.4

Power Factor : 0.8 leading - 0.8 lagging
 Overvoltage Category (OVC) : III

For GEN Port : See below
 Nominal Input Voltage [Va.c.] : L/N/PE 220/230
 Nominal Input Frequency [Hz] : 50/60
 Rated Input Current [Aa.c.] : 55
 For Off-grid side : See below
 Nominal Output Voltage [Va.c.] : L/N/PE 220/230
 Nominal Output Frequency [Hz] : 50/60



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Modell *Type:*
Bezeichnung *Designation:*

Max. Output Power [kVA] : 1)7.7, 2)8.25,
3)8.8, 4)11, 5)13.2
Max. Output Current [Aa.c.] : 1)35/33.5, 2)37.5/35.9,
3)40/38.3, 4)50/47.9, 5)60/57.4

Protective Class : I
Ingress Protection (IP) : IP66
Pollution Degree (PD) : PD3
Max. Altitude[m] : 3000
Operating Temperature [°C] : Charge: 1~55°C /
Discharge: -20~55°C, >45°C Derating
Type of Inverter : Non-Isolated(solar), Isolated(battery)

Remark(s):

The installation has to be carried out according to the attached installation instruction.
Any additional requirements in countries where the product is going to be marketed have to be considered additionally.

